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U.S. PTO

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. CIBT-P03-031

First Inventor Elizabeth A. Wang

Title Regulation of Epithelial Tissue by Hedgehog-Like...Related Thereto

Express Mail Label No. EL 669 660 565 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 118]  
*(preferred arrangement set forth below)*  
 - Descriptive title of the invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 3 ]
5. Oath or Declaration [ Total Pages 2 ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
     *(for continuation/divisional with Box 18 completed)*  
 i.  **DELETION OF INVENTOR(S)**  
     Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))  
 10.  37 CFR 3.73(b) Statement  Power of Attorney  
 11.  English Translation Document (if applicable)  
 12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
 13.  Preliminary Amendment  
 14.  Return Receipt Postcard (MPEP 503)  
     *(Should be specifically itemized)*  
 15.  Certified Copy of Priority Document(s)  
     *(if foreign priority is claimed)*  
 16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: **General Revocation of Prior**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09 / 151,999

Prior application information:

Examiner A. Davenport

Group Art Unit: 1653

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Bar Code Label) 283420			<input type="checkbox"/> Correspondence address below
Name	David P. Halstead			PATENT TRADEMARK OFFICE
Address	Ropes and Gray			
	One International Place, IP Dept., 33rd Floor			
City	Boston	State	MA	Zip Code
Country	US	Telephone	617-951-7000	Fax 617-951-7050
Name (Print/Type)	David P. Halstead		Registration No. (Attorney/Agent)	44,735
Signature			Date	4/15/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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09/09/200111040 U.S. PTO  
04/05/01

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,190.00)

Completer if Known

Application Number	Not Yet Assigned
Filing Date	April 5, 2001
First Named Inventor	Elizabeth A. Wang
Examiner Name	A. Davenport
Group Art Unit	1653
Attorney Docket No.	CIBT-P03-031

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **18-1945**

Deposit Account Name **Ropes & Gray**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:  
 Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	<b>355</b>
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 355)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
80	-20** =	60	<b>540</b>
7	- 3** =	4	<b>160</b>
			<b>135</b> = <b>135</b>

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 835)

\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Fee Code (\$)	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205	65	Surcharge - late filing fee or oath	
127 50	227	25	Surcharge - late provisional filing fee or cover sheet	
139 130	139	130	Non-English specification	
147 2,520	147	2,520	For filing a request for ex parte reexamination	
112 920*	112	920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115 110	215	55	Extension for reply within first month	
116 390	216	195	Extension for reply within second month	
117 890	217	445	Extension for reply within third month	
118 1,390	218	695	Extension for reply within fourth month	
128 1,890	228	945	Extension for reply within fifth month	
119 310	219	155	Notice of Appeal	
120 310	220	155	Filing a brief in support of an appeal	
121 270	221	135	Request for oral hearing	
138 1,510	138	1,510	Petition to institute a public use proceeding	
140 110	240	55	Petition to revive - unavoidable	
141 1,240	241	620	Petition to revive - unintentional	
142 1,240	242	620	Utility issue fee (or reissue)	
143 440	243	220	Design issue fee	
144 600	244	300	Plant issue fee	
122 130	122	130	Petitions to the Commissioner	
123 50	123	50	Processing fee under 37 CFR 1.17(q)	
126 180	126	180	Submission of Information Disclosure Stmt	
581 40	581	40	Recording each patent assignment per property (times number of properties)	
146 710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279	355	Request for Continued Examination (RCE)	
169 900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	David P. Halstead	Registration No. (Attorney/Agent)	44,735	Telephone	617-951-7000
Signature				Date	April 5, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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File: CIBT-P03-031

J1040 U.S. PTO  
09/027110  
04/05/01



Inventors: Elizabeth A. Wang

Title: REGULATION OF EPITHELIAL TISSUE BY HEDGEHOG-LIKE POLYPEPTIDES,  
AND FORMULATIONS AND USES RELATED THERETO

Express Mail No.: EL669 660 565US

Filing/Date of Mailing: April 5, 2001

Customer No.: 28120

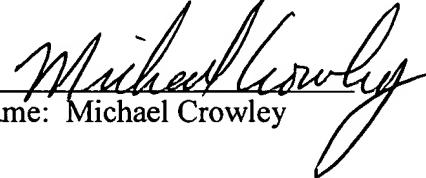
Atty: DYH

**Certificate of Express Mailing 37 C.F.R. 1.10**

I hereby certify that the documents addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231, enclosed in Express Mail package (Label No. EL669 660 565US) were deposited with the US Postal Service on the date identified below.

4-5-01

Date



Michael Crowley

Name: Michael Crowley

Please type a plus sign (+) inside this box



PTO/SB/122 (10-00)

Approved for use through 10/31/2002, OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## CHANGE OF CORRESPONDENCE ADDRESS *Application*

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number	Not Yet Assigned
Filing Date	April 5, 2001
First Named Inventor	Elizabeth A. Wang
Group Art Unit	1653
Examiner Name	A. Davenport
Attorney Docket Number	CIBT-P03-031

Please change the Correspondence Address for the above-identified application to:

Customer Number

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Type Customer Number here



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Firm or Individual Name

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State

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This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :

- Applicant/Inventor.
- Assignee of record of the entire interest.
- Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or Agent of record.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed Name

David P. Halstead - Reg. No. 44,735

Signature

Date

April 5, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

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